



PTO/SB/08a/b (07-05)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet	1	of	1	Attorney Docket Number	102282-0015
-------	---	----	---	------------------------	-------------

**Complete if Known**

Application Number	10/776,690
Filing Date	February 11, 2004
First Named Inventor	Tao Wu
Art Unit	2882
Examiner Name	David V. Brown KAO
Attorney Docket Number	102282-0015

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
<input checked="" type="checkbox"/>		6,002,739	12-14-1999	Heumann	
<input checked="" type="checkbox"/>		6,256,370 B1	07-03-2001	Yavuz	
<input checked="" type="checkbox"/>		6,292,530 B1	09-18-2001	Yavus et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<input checked="" type="checkbox"/>		BROWNE, J.A. et al., "Developments with Maximum Likelihood X-Ray Computed Tomography," <i>IEEE Trans. on Med. Imaging</i> 11(1):40-52 (1992).	
<input checked="" type="checkbox"/>		CHLEWICKI, W. et al., "Cone Based 3D Reconstruction: A FDK-SART Comparison For Limited Number of Projections," Dept. of Physics, Univ. of Patras, Greece.	
<input checked="" type="checkbox"/>		LANGE, K. et al., "A Theoretical Study of Some Maximum Likelihood Algorithms for Emission and Transmission Tomography," <i>IEEE Trans. on Med. Imaging</i> MI-6(2):106-114 (1987).	
<input checked="" type="checkbox"/>		NIKLASON, L.T. et al., "Digital Tomosynthesis in Breast Imaging," <i>Radiology</i> 205(2):399-406 (1997).	
<input checked="" type="checkbox"/>		OLLINGER, J.M., "Maximum Likelihood Reconstruction of Transmission Images in Emission Computed Tomography via the EM Algorithm," <i>IEEE Trans. on Med. Imaging</i> 13(1):89-101 (1994).	
<input checked="" type="checkbox"/>		POLITTE, D.G. et al., "The Use of Constraints to Eliminate Artifacts in Maximum-Likelihood Image Estimation for Emission Tomography," <i>IEEE Trans. on Nuclear Sci.</i> 35(1):608-610 (1988).	
<input checked="" type="checkbox"/>		SURYANARAYANAN, S. et al., "Comparison of Tomosynthesis Methods Used with Digital Mammography," <i>Acad. Radiol.</i> 7:1085-1097 (2000).	
<input checked="" type="checkbox"/>		ROCKMORE, A.J. et al., "A Maximum Likelihood Approach to Transmission Image Reconstruction from Projections," <i>IEEE Trans. on Nuclear Sci.</i> NS-24(3):1929-1935 (1977).	
<input checked="" type="checkbox"/>		WU, T., "Three-Dimensional Mammography Reconstruction Using Low-Dose Projection Images," Dissertation Brandeis Univ. (Sept. 2002).	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	3/10/06
-----------------------	--	--------------------	---------